Recombinant Human PPT1 Protein (His Tag)

Catalog Number: PKSH032848



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Palmitoyl-protein thioesterase 1;PPT-1;Palmitoyl-protein hydrolase 1;PPT1

Species Human

Expression Host HEK293 Cells **Sequence** Asp28-Gly306

Accession P50897
Calculated Molecular Weight 32.3 kDa
Observed molecular weight 34-41 kDa
Tag C-His

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin $< 1.0 \text{ EU per } \mu \text{g of the protein as determined by the LAL method.}$

Storage Storage Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping This product is provided as liquid. It is shipped at frozen temperature with blue

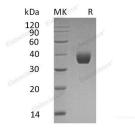
ice/gel packs. Upon receipt, store it immediately at < - 20°C.

Formulation Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10%

Glycerol, pH 7.5.

Reconstitution Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Palmitoyl-protein thioesterase 1(PPT-1 for short), also known as Palmitoyl-protein hydrolase 1, belongs to the palmitoyl-protein thioesterase family. It is a small glycoprotein involved in the catabolism of lipid-modified proteins during lysosomal degradation. This enzyme removes thioester-linked fatty acyl groups such as palmitate from modified cysteine residues in proteins or peptides during lysosomal degradation. Defects in PPT1 are the cause of neuronal ceroid lipofuscinosis type 1.

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